## 105.2 - Serum Materials (frozen, liquid, and lyophilized forms)

These SRMs serve a variety of clinical measurement needs. SRM\_200 is a loophilized human serum for use in determining specified constituents. SRM\_202 is a bowine serum albumin in a sterile 7% solution for use in the calibration and standardization of procedures to analyze total serum protein. SRM\_2036 is a flown human serum for evaluating the accuracy of procedures used to determinine glucose in human serum and sunificate secondary reference materials. SRM\_2036 is a frozen human serum for evaluating the accuracy of procedures used to determinine glucose in human serum and polarona. SRM\_2036 is a frozen human serum for evaluating the accuracy of procedures to the determination of procedures for the determination of the storoid bornones cortisal and parts. SRM\_2036 is a frozen human serum for evaluating the accuracy of procedures for the determination of the storoid bornones cortisal and parts. SRM\_2036 is a frozen human serum for evaluating the accuracy of procedures for the determination of the storoid bornones cortisal and procesteron in human serum. SRM\_2036 is a frozen human serum for evaluating the accuracy of procedures for the determination of the storoid bornones cortisal and procesteron in human serum. SRM\_2036 is a frozen human serum for evaluating the accuracy of procedures for the determination of the storoid bornones cortisal and public holesteroid. Public holesteroid, III, he-lobesteroid, III, he-lobe

For further information see: SP 260-83

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PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM Description	909b	927d Bovine	956c	965b	967a	968d	970	971	972	1951b	1955	1957
Unit Size	Human Serum ((2x3 each conc)+(6 water))	Serum Albumin (7%, solution)	Electrolytes in Frozen Human Serum (6 ampoules x 2.0mL each)	Glucose in Frozen Human Serum (set (8) (2 each conc))	Creatinine in Frozen Human Serum (set(4) (2 each conc))	Fat-Soluble Vitamins,Carotenoids and Cholesterol in Human Serum (set (2) (single conc))	Ascorbic Acid in Frozen Human Serum (set (4) (2 each conc))		Vitamin D in Human Serum (set (4) (1 each level))	Lipids in Frozen Human Serum (set (4) (2 each conc	Homocysteine and Folate in Frozen Human Serum ) (set (3) (1 each conc)	Organic Contaminants in Non-Fortified Human Serum (5 vials x 10 mL)
Analyte	Calcium Chloride Cholesterol Greatinine Lithum Magnesium Passium Sodium Total Glycerides Glycerides Urea		Calciumlonized Calcium Chloride Lilhinium Magnesium Polassium Sodium		Creatinine	Total-Retinol gamma-Tocopherol α-Tocopherol Total β-Carotene Cholesterol	Ascorbic Acid	Male: 1 bottle Cortisol 297.0 nmol/L Progesterone 0.129 nmol/L Female: 1 bottle Cortisol 249.5 nmol/L Progesterone 6.11 nmol/L		Total Cholesterol Total Glycerides Triglycerides Only	Homocysteine (µmol/L 5-Methyltetrahydrofolic Acid Folic Acid (nmol)	PCB Congeners Chlorinated Pesticides PBDE Congeners
909b-1	2 218 mmol/L 89.11 mmol/L 3.787 mmol/L 0.05618 mmol/L 0.6145 mmol/L 0.7634 mmol/L 120.76 mmol/L 0.949 mmol/L 0.804 mmol/L 5.51 mmol/L											
909b-2	3.532 mmol/L 119.43 mmol/L 6.084 mmol/L 0.4674 mmol/L 2.600 mmol/L 1.918 mmol/L 6.278 mmol/L 141.0 mmol/L 1.529 mmol/L 1.271 mmol/L 30.75 mmol/L											
BSA Concentration		65.41 mg/L										
Level I		g.z	2.981 mmol/L 1.78 mmol/L 104.9 mmol/L 1.606 mmol/L 1.247 mmol/L 5.976 mmol/L 118.8 mmol/L	1.836 mmol/L	0.0749 mmol/L	8.41 μmol/L	10.07 μmol/L		(1.46 nmol/L) 59.6 nmol/L (3.46 nmol/L)	4.804 mmol/L 1.370 mmol/L 1.208 mmol/L	3.98 µmol/L 4.26 nmol/lL (0.49 nmol/L)	
Level II			2.538 mmol/L 1.48 mmol/L 121.5 mmol/L 1.068 mmol/L 0.857 mmol/L 3.977 mmol/L 137.5 mmol/L	4.194 mmol/L	0.3427 mmol/L	28.05 μmol/L	30.52 μmol/mol		4.14 nmol/L 30.8 nmol/L (1.9 nmol/L)	6.895 mmol/L 2.988 mmol/L 2.700 mmol/L	8.85 µmol/L 9.93 nmol/L (1.05 nmol/L)	
Level III			2.095 mmol/L 1.19 mmol/L 137.4 mmol/L 0.457 mmol/L 0.470 mmol/L 1.982 mmol/L 157.4 mmol/L	6.575 mmol/L					64.1 nmol/L 46.2 nmol/L (2.65 nmol/L)		17.7 µmol/L 37.1 nmol/L (1.07 nmol/L)	
Level IV				16.35 mmol/L					5.81 nmol/L 82.3 nmol/L 94.1 nmol/L			
Single Concentration						1.09 µmol/L 3.34 µmol/L 13.77 µmol/L 0.145 µmol/L 3453 µmol/L						

Values in parenthesis are not certified and given as reference values

## 105.2 - Serum Materials (frozen, liquid, and lyophilized forms)

These SRMs serve a variety of clinical measurement needs. SRM\_200a is a lyophilized human serum for use in determining specified constituents. SRM\_202a is a bovine serum albumin in a sterile 7% solution for use in the calibration and standardization of procedures to analyze total serum protein. SRM\_202a is a force numan serum for evaluating the accuracy of procedures used to determinine glucose in human serum and or validating methods for determinating the accuracy of procedures to the determination of procedures for the determination of procedures used to determine flux object viaman serum for evaluating the accuracy of procedures used to determinate places of the strength form of validating methods for determination of procedures for the determination of the storoid bornones cortisal and passing methods for determination of the storoid bornones cortisal and passing methods for determination of collaboration procedures for the determination of the storoid bornones cortisal and passing methods for determination of collaboration procedures for the determination of the storoid bornones cortisal and passing methods for determination of collaboration procedures for the determination of the storoid bornones cortisal and passing methods for determination of collaboration procedures for the determination of the storoid bornones cortisal and passing methods for determination of collaboration procedures for the determination of the storoid bornones cortisal and passing methods for determination of the storoid bornones cortisal and passing methods for determination of collaboration procedures for the determination of the determination of the storoid bornones cortisal and passing methods for determination of the determination of the

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Organic Contaminants in Fortified Human Serum (5 vials x 10 mL)	Human Cardiac Troponin Complex (5x115 uL)
PCB Congeners Chlorinated Pesticides PBDE Congeners PBB 153 Congener (PFCs) (Dioxins/Furans)	cTnI cTnT cTnC
	31.2 mg/L (36.9 mg/L) (24.2 mg/L)

Values in parenthesis are not certified and given as reference values